

STATEMENT OF WORK

Requisition # 285578

Nationally Recognized Testing Laboratory (NRTL) Evaluation (NEW BMA)

Revision Number: 0

Date: February 10, 2016

Prior SOW or Revision Date: N/A

1.0 Objective:

This Statement of Work (SOW) is to secure consulting services for national electrical code needs, as required for electrical equipment evaluation used in support of Washington River Protection Solutions (WRPS) at the Hanford site. Individual requests for this service will be under individual releases (**Attachment A**), as needed.

2.0 Background/Introduction:

WRPS operates and manages the 200 Area Tank Farm waste tank facilities, for the U.S. Department of Energy (DOE) – Office of River Protection (ORP).

WRPS occasionally requires the services of an OSHA Recognized National Testing Laboratory (NRTL) to perform evaluation and testing of various types of equipment in order to ensure equipment meets specific requirements and that equipment is listed or labeled by an organization currently recognized by OSHA as a NRTL.

Services are required to fulfill the need for Field Evaluation Services for individually identified pieces of electrical equipment that includes NRTL labeling upon completion.

3.0 Scope:

NRTL evaluation support is required for electrical equipment on a requested/as-needed basis. WRPS will identify this equipment and arrange for each specific field evaluation occurrence. Evaluations shall be performed at the Subcontractor's facility laboratory, on the Hanford Site as a field evaluation to comply with the National Electric Code (NEC) NFPA 70, and where applicable, ANSI C2 (NEC), or at other locations as designated by WRPS.

When an equipment evaluation is needed, WRPS will request evaluation to be performed at manufacturer's site, and if not possible then, at Hanford, after delivery. WRPS will provide Hanford location for the evaluation, and, if necessary, have tagged and removed the equipment from service until a Field Evaluation can be successfully completed.

The NRTL contractor shall furnish to WRPS recommendations regarding necessary upgrades to meet NRTL certification requirements. WRPS will utilize these recommendations for repair or replacement decision-making.

The NRTL field evaluator shall provide testing equipment and test methods to perform NRTL evaluations at the Hanford Site and/or at a location agreed to by the NRTL service provider. NRTL

field evaluator may waive any tests that are destructive to the equipment, with the WRPS's Authority Having Jurisdiction (AHJ) concurrence.

WRPS shall provide the NRTL contractor at least 24-hour notice for scheduled work.

WRPS shall return a decision from the recommendation with the course of action for the NRTL provider. WRPS will be responsible for shipping of equipment to off-site location, when applicable.

4.0 Submittals

Releases will identify the items to be delivered during the execution of the work. Generally, these may include (but are not limited to) demonstrating that the NRTL and personnel are authorized to work on, evaluate, and certify the specific equipment requested by the Buyer.

In support of the work scope established in Section 3.0 above, submittals are listed on the Master Submittal Register (MSR). Each individual release (**Attachment A**), will have MSR submittal stating date that Field Evaluation Report is to be submitted to WRPS; one week from time services performed.

Submittals shall be provided using the TOC Incoming Letter of Transmittal (form A-6005-315). All transmittal subject headings shall contain, at a minimum, the subcontract number, submittal number, and submittal description.

Submittals shall be provided in electronic format unless available only as a hard copy. Electronic submittals may be sent to TOCVND@rl.gov or delivered via a WRPS designated File Transfer Protocol (FTP) site. Electronic formats must be non-password protected in one of the following formats:

- Microsoft® Office Compatible
- Portable Document Format (PDF)
- Tagged Image File Format (TIFF)
- Graphics Interchange Format (GIF)
- Joint Photographic Experts Group (JPEG)
- Windows Media Video (WMV)
- Moving Picture Expert Group (MPEG)
- Extensible Markup Language (XML)
- HyperText Markup Language (HTML)
- Comma Separated Values (CSV)
- Text (TXT)

5.0 Acceptance Criteria:

- The contractor shall affix a NRTL Field Evaluation Label to the equipment to signify compliance.
- Completed Field Evaluation Reports

6.0 Configuration Management and Standards

6.1 Configuration Management Requirements:

There are no specific Configuration Management requirements applicable to this SOW.

6.2 Applicable Standards

There are no engineering standards applicable to this SOW.

7.0 ESH&Q Requirements

7.1 Quality Assurance Requirements:

The Subcontractor shall follow standard commercial quality practices for NRTL testing services.

7.2 Price-Anderson Amendments Act Requirements:

This 7.2 section and the General Provisions article 2.11 entitled, *Price-Anderson Amendments Act (PAAA)*, are both determined to be N/A.

7.3 Applicable ES&H Requirements:

Preliminary hazard assessment PHA ID: 32 is to be used for general office duties performed in TOC-controlled office facilities and/or observations/walkthroughs in tank farm non-radiological and radiologically controlled areas, including soil contamination areas and buffer areas, requiring a General (Not Specific) Radiological Work Permit only. Observation activities only are allowed; no hands-on work activities may be performed. No ladder/scaffolding access is allowed. Prior to performing any other activities, a job hazard analysis (JHA) must be completed to cover the activities to be performed. The JHA must be approved by a TOC Safety Representative.

8.0 Verification/Hold Points:

Verification/Hold point requirements are to be determined as designated on individual requests/releases: **Attachment A**.

9.0 Reserved

10.0 Work Location/Potential Access Requirements:

Designated location for inspection(s) will be established on individual **Attachment A** form.

11.0 Training:

The NRTL personnel shall be sufficiently skilled and must possess unique professional experience.

In the rare event that entry into radiation zone is needed, training will be provided at WRPS expense. Training may include, but not limited to: Hanford General Employee Training, Radiation Worker Training, Mask Fit, Mercury Baseline Testing, and Training needed for escorted Tank Farms entry.

12.0 Qualifications:

The NRTL shall be qualified to perform NRTL evaluations to meet NEC Article 110-2 and 29 CFR 1910.303(a) (OSHA Subpart S) requirements. The NRTL shall be recognized by OSHA in accordance with 29 CFR 1910.7 to test and evaluate equipment or materials (products) requiring approval by certain OSHA safety standards.

13.0 Special Requirements:

WRPS will determine and provide the adequate and required consumable personal protection equipment (PPE) for inspections held at the Hanford site only. The location of the NRTL evaluation will direct what PPE is required; for instance, if in Tank Farm area, appropriate PPE will be made available.

Use of Government Vehicles

There is no anticipated need for any Subcontractor employees to use a Government-furnished vehicle in the performance of this statement of work. The Subcontractor's employees, therefore, are specifically prohibited from driving any Government-furnished vehicles under the performance of this SOW unless this SOW is formally so modified by the parties, and a copy of any applicable driver's license provided to the BTR.

Government Property

Pursuant to the Subcontract General Provisions article entitled, "Management of Subcontractor-Held Government-Owned Property," Government-owned property will be provided to the Subcontractor. The Subcontractor will be responsible for managing the Government-owned property as required in the Subcontract General Provisions: Items will be specifically outlined on a Parts and Tools Return form.

14.0 Reporting/Administration:

For Field Evaluations, the Subcontractor shall provide verbal confirmation to the WRPS POC and/or WRPS supervisor upon completion of the evaluation. Follow-up will be with a written report via e-mail (see MSR with each individual release). This report shall provide traceability to the item that was evaluated (i.e., serial number). Traceability of any sub-item to the original item is required.

15.0 Workplace Substance Abuse Program Requirements:

A Workplace Substance Abuse Program is not required for this SOW.

Attachment A

Contract #: _____

Req.#: _____

Nationally Recognized Testing Laboratory (NRTL) Services Request

This form is to be filled out by the WRPS requesting organization.

Return to Sharon L. Clark for disposition into the BMS Foundation Architecture.

(All items in RED are pertinent to process release and all RED data will be deleted before being sent to Buyer.)

Cost Account Manager: _____ **Cost Center:** _____

Financial Analyst: _____ **CACN:** _____

Authorized Amount: _____

Contract #: _____

Req.#: _____

Title: Support Electrical Equipment Evaluation for: _____

(Complete 'Title' for: "Your organization/project information".)

Period of Performance: **Start Date:** _____ **End Date:** _____

Fill-Out all areas below by marking "X" in box (where applicable):

WRPS will identify equipment and arrange for specific field evaluation occurrence. Field evaluation to comply with the National Electric Code (NEC) NFPA 70, and where applicable, ANSI C2 (NEC).

Location: Subcontractors facility laboratory YES NO
☐ ☐

Other location designated by WRPS: YES NO
☐ ☐

(Area/Bldg#/Room#, etc...): _____

WRPS Point-of-Contact for item: Name: _____ Phone #: _____

Equipment Field Evaluation Service: YES NO
☐ ☐

Electrical Equipment Evaluation Service: YES NO
☐ ☐

Equipment that has been identified for evaluation is:

<i>Equipment/Model Number</i>	<i>Description</i>	<i>Serial Number</i>

The product evaluation category types may include, but are not limited to: Fire suppression; Fire Containment; Fire Growth & Control Equipment as well as Analysis of Chemical Vapor & Industrial, Mechanical, and Automotive Equipment; Casualty Hazards as well as products to protect against Theft or Fire and proper installation of this equipment; Heating; Air conditioning; Refrigeration; Electrical.

Any “Verification/Hold Points”: YES NO
☐ ☐

Please describe here: _____

TOC Master Submittal Register (MSR): YES NO (Site Form A-6005-317)
☐ ☐

You must complete MSR form and ‘return’ with request form to support new release.
Along with MSR, complete Vendor Submittal Distribution Matrix form (Site Form A-6005-320).
BTR will support the completion of these two documents.